



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

CANHAM

Atty. Ref.: 124-822

Serial No. 09/743,447

Group: 1744

Filed: January 10, 2001

Examiner: Beisner

For: TRANSFERRING MATERIALS INTO CELLS USING POROUS SILICON

\* \* \* \* \*

January 23, 2003

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**AMENDMENT AFTER FINAL REJECTION**

Responsive to the Official Action dated November 25, 2002, please amend the  
above-identified application as follows:

**IN THE CLAIMS**

Please substitute the following amended claims for corresponding claims  
previously presented. A copy of the amended claims showing current revisions is  
attached.

1. (Amended) A method of transferring a substance into a cell comprising using  
resorbable silicon for conveying the substance into the cell.

2. (Amended) A method according to claim 1 wherein the resorbable silicon  
comprises porous or polycrystalline silicon.

17. (Amended) A microneedle or micropiercer comprising resorbable silicon.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
RESPONSE UNDER RULE 116  
EXPEDITED HANDLING PROCEDURES

In re Patent Application of

CANHAM

Serial No. 09/743,447

Filed: January 10, 2001

Title: TRANSFERRING MATERIALS INTO CELLS USING POROUS  
SILICON

Assistant Commissioner for Patents  
Washington, DC 20231

Atty Dkt. 124-822

C#/M#

Group Art Unit: 1744

Examiner: Beisner

Date: January 22, 2003



AF 11744  
17/B  
Bl  
1-28-03  
RECEIVED  
JAN 28 2003  
TC 1700

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☒ **Correspondence Address Indication Form Attached.**

**Fees are attached as calculated below:**

Total effective claims after amendment	33	minus highest number		
Previously paid for	33	(at least 20) =	0 x \$ 18.00	\$ 0.00

Independent claims after amendment	4	minus highest number		
Previously paid for	4	(at least 3) =	0 x \$ 84.00	\$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper)	\$ 0.00
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Petition is hereby made to extend the current due date so as to cover the filing date of this Paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months)	\$ 0.00
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Terminal disclaimer enclosed, add \$ 110.00	\$ 0.00
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<input type="checkbox"/> First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$750.00)	\$ 0.00
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☐ Please enter the previously unentered, filed

☐ Submission attached

**SUBTOTAL \$ 0.00**

If "small entity," then enter half (1/2) of subtotal and subtract	-\$ 0.00
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☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00)	\$ 0.00
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Assignment Recording Fee (\$40.00)	\$ 0.00
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Other:	0.00
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**TOTAL FEE ENCLOSED \$ 0.00**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.

By Atty.: Arthur R. Crawford, Reg. No. 25,327

Signature: \_\_\_\_\_